

Serial No.: 10/573351

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	3	JUL 28	EPFULL enhanced with additional legal status information from the EPOLINE Register
NEWS	4	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	5	JUL 28	STN Viewer performance improved
NEWS	6	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	7	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	8	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	9	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	10	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	11	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS	12	SEP 25	CA/CAPLUS current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS	13	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and Korean patents enhanced
NEWS	14	SEP 29	IFICLS enhanced with new super search field
NEWS	15	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS	16	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS	17	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS	18	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS	19	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS	20	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS	21	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

Serial No.: 10/573351

NEWS LOGIN      Welcome Banner and News Items  
NEWS IPC8        For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:27:29 ON 14 NOV 2008

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CAPLUS' ENTERED AT 11:27:40 ON 14 NOV 2008

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FILE COVERS 1907 - 14 Nov 2008 VOL 149 ISS 21

FILE LAST UPDATED: 13 Nov 2008 (20081113/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s alkyl (2w) branched (2w) fatty (2w) acid

621466 ALKYL

6734 ALKYL

624509 ALKYL

(ALKYL OR ALKYL)

84729 BRANCHED

1 BRANCHEDS

84730 BRANCHED

(BRANCHED OR BRANCHEDS)

```

412473 FATTY
  14 FATTIES
412477 FATTY
      (FATTY OR FATTIES)
4708515 ACID
1660749 ACIDS
5228331 ACID
      (ACID OR ACIDS)
L1      22 ALKYL (2W) BRANCHED (2W) FATTY (2W) ACID

=> l1 and (linear (2w) fatty (2w) acid#)
L1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s l1 and (linear (2w) fatty (2w) acid#)
  665225 LINEAR
    73 LINEARS
  665264 LINEAR
      (LINEAR OR LINEARS)
  412473 FATTY
    14 FATTIES
  412477 FATTY
      (FATTY OR FATTIES)
  5229988 ACID#
    464 LINEAR (2W) FATTY (2W) ACID#
L2      0 L1 AND (LINEAR (2W) FATTY (2W) ACID#)

=> s l2 and separat?
  443452 SEPARAT?
  319341 SEP
    12771 SEPS
  330863 SEP
      (SEP OR SEPS)
  493602 SEPD
    2 SEPDS
  493604 SEPD
      (SEPD OR SEPDS)
  115829 SEPG
  634194 SEPN
    40883 SEPNS
  654917 SEPN
      (SEPN OR SEPNS)
  1613713 SEPARAT?
      (SEPARAT? OR SEP OR SEPD OR SEPG OR SEPN)
L3      0 L2 AND SEPARAT?

=> s l1 and fraction?
  945225 FRACTION?
L4      1 L1 AND FRACTION?

=> d l1 ibib abs

L1  ANSWER 1 OF 22  CAPLUS  COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2008:1246311  CAPLUS
TITLE:           Synthesis of alkyl-branched

```

fatty acids  
AUTHOR(S): Biermann, Ursula; Metzger, Juergen O.  
CORPORATE SOURCE: Department of Pure and Applied Chemistry, University  
of Oldenburg, Oldenburg, Germany  
SOURCE: European Journal of Lipid Science and Technology  
(2008), 110(9), 805-811  
CODEN: EJLTFM; ISSN: 1438-7697  
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
AB Alkyl-branched fatty compds. are of interest for industrial products in  
the cosmetics and lubricant areas. In this review, clay- and  
zeolite-catalyzed isomerizations of unsatd. fatty compds., especially of oleic  
acid, are discussed. While clay-catalyzed reactions give most complex  
mixts. of dimeric fatty acids and of monomeric so-called "isostearic  
acid", the zeolite-catalyzed process yields preferentially an isomeric  
mixture of isostearic acids having the Me branch on the 8-14 positions of  
the alkyl chain. Synthetically useful addns. of alkyl radicals can only  
be performed on  $\omega$ -unsatd. fatty compds., whereas perfluoroalkyl  
iodides were added to fatty compds. with terminal as well as internal  
double bonds using electron transfer-initiated radical addition reactions.  
Electrophilic addns. of alkyl carbenium ions generated by decomposition of  
alkyl chloroformates by ethylaluminum sesquichloride give well-defined  
alkyl-branched oleochems. with good yields.

=> d his

(FILE 'HOME' ENTERED AT 11:27:29 ON 14 NOV 2008)

FILE 'CAPLUS' ENTERED AT 11:27:40 ON 14 NOV 2008

L1 22 S ALKYL (2W) BRANCHED (2W) FATTY (2W) ACID  
L2 0 S L1 AND (LINEAR (2W) FATTY (2W) ACID#)  
L3 0 S L2 AND SEPARAT?  
L4 1 S L1 AND FRACTION?

=> log off

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 11:31:15 ON 14 NOV 2008